



IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re the Application of

: Docket 0074-451795

TALLON, J.L.

: Confirmation No. 2959

U.S. Appln. No. 10/010,746

Filing Date: December 7, 2001

For: **NOVEL ORGANIC/INORGANIC-OXIDE**
MULTILAYER MATERIALS

PRELIMINARY AMENDMENT

As a preliminary matter, please amend the above-identified application as follows:

In the Claims:

Amend Claims 4, 7, 10, 16, 19, 21, 23, 28, 30, 32, 36, 37, and 47 to read as follows:

6/12/02
2-4-02
P.W.

A₁ 4.(Amended) A material as claimed in claim 2 having a general formula $X.M_mO_{3m+1}$ wherein M is the metal, and X is an organic cation and $m=1, 2, 3$.

A₂ 7.(Amended) A material as claimed in claim 5 wherein the organic cation is a diammonium cation, the material is of composition $NH_3.A.NH_3.M_mO_{3m+1}$.

A₃ 10.(Amended) A material as claimed in claim 8 wherein the organic cation is an aliphatic diammonium cation, and $Z = (CH)_n$, $n=1, 2, \dots$.

A₄ 16. (Amended) A material as claimed in claim 8 wherein the organic cation is an aromatic diammonium cation.

A₅ 19.(Amended) A material as claimed in claim 17 in which adjacent aromatic rings are